

Notice of Allowability

Application No.

09/577,005

Examiner

Delia M. Ramirez

Applicant(s)

ASAKURA ET AL.

Art Unit

1652

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/7/2005.
2. ☒ The allowed claim(s) is/are 47-72.
3. ☒ The drawings filed on 25 May 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 5/25/00, 8/12/03, 7/27/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Art Unit: 1652

DETAILED ACTION

Status of the Application

Claims 47-71 are pending.

Applicant's amendment canceling claims 20-26, 28-46 and adding claims 47-71 in a communication filed on 3/7/2005 is acknowledged.

Information Disclosure Statement

1. The information disclosure statements (IDS) submitted on 5/25/2000, 8/12/2003, 7/27/2004 are acknowledged. It is noted that only the English translation of the abstracts corresponding to references AO-AP of the IDS filed 8/12/2003 have been considered since there is no English translation of the entire documents. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Examiner's Amendment

2. An informal Examiner's amendment to the specification appears below. This amendment is to add a specific reference to a prior application(s) to which priority is being claimed to in the first sentence of the specification (37 CFR 1.78).

3. Please enter the following amendments to the specification as follows:

4. In page 1, immediately after the title, please insert the following sentence:

This application is a continuation of PCT/JP99/05175 filed 9/22/1999.

Reasons for Allowance

5. The following is an Examiner's statement of reasons for allowance. Although the prior art discloses methods to produce L-glutamic acid with coryneform bacteria and the *C. glutamicum* genes

Art Unit: 1652


encoding citrate synthase, glutamate dehydrogenase, aconitase, isocitrate dehydrogenase, and pyruvate dehydrogenase, the Examiner has found no teaching or suggestion in the prior art directed to a method for the production of L-glutamic acid with coryneform bacteria modified such that the promoter region of the endogenous genes encoding citrate synthase, glutamate dehydrogenase, aconitase, isocitrate dehydrogenase, and/or pyruvate dehydrogenase comprises the recited sequences at the -35 and -10 regions. Therefore, claims 47-72 directed to a method for the production of L-glutamic acid with coryneform bacteria modified such that the promoter region of the endogenous genes encoding citrate synthase, glutamate dehydrogenase, aconitase, isocitrate dehydrogenase, and/or pyruvate dehydrogenase comprises the DNA sequences TTGTCA or TTGCCA at position -35 from the transcription start site or the DNA sequence TATAAC at position -10 from the transcription start site are allowable over the prior art of record.

Conclusion

6. Claims 47-72 are allowed.
7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Delia M. Ramirez whose telephone number is (571) 272-0938. The examiner can normally be reached on Monday-Friday from 8:30 AM to 5:00 PM.
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. Ponnathapura Achutamurthy can be reached on (571) 272-0928. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-1600.

Delia M. Ramirez, Ph.D.
Patent Examiner
Art Unit 1652

DR
May 19, 2005


REBECCA E. PROUTY
PRIMARY EXAMINER
GROUP 1800
1600